

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** September 7, 2006

**Inspector:** Lennox Keen

**Location:** 345kV Underground Route

**Storm/**

**Rain Event:** Between 0.45-0.74" of precipitation was recorded over 9/2-9/3 depending on location and as reported by NOAA. Local totals may vary.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vault Openings and Trench Construction	- Most work areas along Rt. 7 have been restored but a few bare areas remain or have not re-vegetated as well as expected. This includes in front of the tennis courts at Wilton High 8/24-9/7/06	- Continue providing good "house- keeping" along the roadways. Full restoration will be required when work is completed. 2/2-9/7/06 - Topsoil, seed and mulch will be needed here.	-Needs attention (near Wilton HS tennis courts)
	-A number of vaults continue to be accessed along portions of the route for internal work (pulling/splicing cable). 9/7/06	- Include these areas as part of the restoration efforts when access is complete. 4/12-9/7/06	-N/A
	- Active work continues at the Rt 7/107 intersection. Catch basins in the area do not have controls and there is adjacent disturbed soil. 8/24-9/7/06 - Stockpiles have been covered 9/7/06	-See erosion control section. 8/16-9/7/06	- Needs attention. (Stockpiles have been covered)
Erosion and Sediment (E&S) Controls	- Grass growth appears to have slowed at the high school J&B due to the weather 7/26-9/7/06	- Continue to monitor as grass is patchy but seems stable for the most part. 7/26-9/7/06	- N/A
	- The vault area adjacent to Allen's Meadow was	- Continue to monitor for final stabilization. 9/7/06	- Grass growth was noted

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Erosion and Sediment (E&S) Controls  <b>Route 7</b>	<p>starting to show grass cover. 9/7/06</p> <ul style="list-style-type: none"> <li>- At the School Rd. HDD, areas along the perimeter wetlands remain in good shape. Vegetative cover continues to slowly increase in the mulched area to the east. 8/24-9/7/06</li> <li>- A large bare soil area remains near the Wilton HS tennis courts. Previous attempts had been made to restore the area but were unsuccessful. 8/30-9/7/06</li> <li>- The silt fence near the swale on Old Danbury Rd. was repaired. The top of slope was restored and mulched. Additional erosion control mats were installed along the slope. 9/7/06</li> <li>- The vault area at Wilton Corp Park was temporarily restored but access created new tracks in the soil. 8/30-9/7/06</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to monitor for final stabilization. 8/17-9/7/06</li> <li>- Loam, seed and mulch this area. Also, evaluate the grading since water is ponding up here. 8/30-9/7/06</li> <li>-Continue to monitor for final stabilization. 9/7/06 Also consider removing accumulated sediment in the swale. 7/12-9/7/06</li> <li>-Restore as necessary and monitor for final stabilization. 8/30-9/7/06</li> </ul>	<ul style="list-style-type: none"> <li>-N/A</li> <li>- Needs attention when feasible.</li> <li>-The area was restored with erosion control mats and mulch</li> <li>-Needs attention when feasible</li> </ul>
<b>Rt. 107</b>	<ul style="list-style-type: none"> <li>- The storage area near #848 (Rt.7) has demobilized. Equipment, stockpiles were removed and the disturbed areas were restored. 9/7/06</li> <li>- Catch basins near the Rt. 107 &amp; 7 intersection do not have filters/ controls in place. Disturbed soil is present. The area has been disturbed for several months prior to work returning here 7/12-9/7/06</li> <li>- At the Georgetown Deli J&amp;B, vegetative growth</li> </ul>	<ul style="list-style-type: none"> <li>-Continue to monitor the area for final stabilization 9/7/06</li> <li>- Install controls in the catch basins and restore the island when access is complete. 4/6-9/7/06</li> <li>- The stockpile was covered with a tarp. 9/7/06</li> <li>-Due to the sandy soils, EC mats are installed here</li> </ul>	<ul style="list-style-type: none"> <li>-The yard was restored.</li> <li>- Needs attention</li> <li>The stockpile was covered.</li> <li>-N/A</li> </ul>

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Erosion and Sediment (E&S) Controls continued	<p>continues at all of the restored areas and the boulders are holding up well. 9/7/06</p> <p>- At the Georgetown HDD site (Gilbert &amp; Bennett lot), the slope where the trenching had occurred was graded but did not appear to have been seeded yet. Good controls are in place. 8/9-9/7/06</p> <p>-A recently restored (loamed and seeded) area along Rt 7, north of the Deli was disturbed by additional utility work and tracking was noted to the street. 8/30-9/7/06</p>	<p>to promote stabilization. Continue to monitor 5/31-9/7/06</p> <p>- Seeding and mulching needs to occur. 8/9-9/7/06 Silt fence is now in place at the base of slope near the parking lot. 8/30-9/7/06</p> <p>- Restore the area again or work with the utility company to fix the problem. 8/30-9/7/06</p>	<p>- Needs to be seeded.</p> <p>- Needs attention when feasible</p>
Adjacent Wetlands and Waterways	<p>-Adjacent areas of wetland were restored around the HDD site. Vegetation is slowly returning. 9/7/06</p> <p>-Standing water in the swale here was not turbid following the rains. 8/30-9/7/06</p>	<p>-Continue to monitor for vegetative cover and stabilization. 9/7/06</p> <p>-None at this time. 9/7/06</p>	<p>- N/A</p> <p>-N/A</p>
Staging, Storage, and Parking Areas	<p>- The storage yard on the property south of the Rt. 7 &amp; 107 has demobilized. Equipment, stockpiles were removed and the disturbed areas were restored -9/7/06</p> <p>- The storage area along Rt 7 across from Old Highway Rd was being graded and demobilized. 8/30-9/7/06</p> <p>- The racquet club storage yard has a pile of sandbags and other equipment stored here. Stormwater had been seen running to the swale on site. 6/7-9/7/06</p>	<p>- Continue to remove any project related materials and monitor 9/7/06.</p> <p>-Restore, seed and mulch when feasible. 8/30-9/7/06</p> <p>- Install haybales at the culvert within the swale in an attempt to filter run-off. 2/2-9/7/06</p>	<p>-The area was demobilized</p> <p>- Needs attention when feasible</p> <p>- Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
Soils	<ul style="list-style-type: none"> <li>- Stockpiles were still noted at the Rt. 107/7 intersection and by the excavation on Rt 107 but they were covered with tarp. 9/7/06</li> <li>- Topsoil is stockpiled and stabilized at the contractor trailer yard off Rt 7</li> </ul>	<ul style="list-style-type: none"> <li>- Soils appear to be handled appropriately. 9/7/06</li> <li>- Continue to make sure any stockpiles are backfilled to the trench by the end of each day. 2/2-9/7/06</li> </ul>	N/A at this time
State species of concern, threatened and endangered species	<ul style="list-style-type: none"> <li>- No species of concern are located in this area of construction.</li> </ul>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<ul style="list-style-type: none"> <li>-The restoration efforts (seeding and mulching) in several locations along Rt 7 including HDD resulted in grass cover but growth is slowing due to the weather 7/26-9/7/06</li> <li>- The slope along the Gilbert &amp; Bennett lot where the HDD occurred still needs to be seeded and mulched. 8/9-9/7/06</li> <li>-Bare soil areas remains near the Wilton HS tennis courts. 9/7/06</li> </ul>	<ul style="list-style-type: none"> <li>-Continue restoration: and monitor areas for suitable growth. 9/7/06.</li> <li>Restore areas that recent access have disturbed again as well. 8/30-9/7/06</li> <li>- Restore and stabilize the slope. 8/9-9/7/06</li> <li>- See erosion control section. 9/7/06</li> </ul>	<p>N/A at this time</p> <p>- Needs attention</p> <p>- Needs attention when feasible.</p>
Dewatering	<ul style="list-style-type: none"> <li>- No dewatering was noted at this time. 9/7/06</li> </ul>	<ul style="list-style-type: none"> <li>-None at this time. 8/30/06</li> </ul>	- N/A
Blasting	<ul style="list-style-type: none"> <li>- No blasting is occurring on site at this time.</li> </ul>	<ul style="list-style-type: none"> <li>- None at this time.</li> </ul>	N/A

Areas of Inspection	Observation	Recommended Action	Corrective Action
Spills and Material Storage	<ul style="list-style-type: none"> <li>- In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 9/7/06</li> <li>- Oil had been delivered to the project at Archers Lane last week. Proactive spill containment was set up under the truck including a lined "bin" and spill pads. 9/7/06</li> </ul>	<ul style="list-style-type: none"> <li>- The contractors should remain vigilant about securing and handling fuel containers.</li> <li>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.</li> <li>- Check equipment status on a regular basis and keep spill kits on hand.</li> <li>- Report spills immediately, even if they are being controlled.</li> </ul>	<ul style="list-style-type: none"> <li>-N/A</li> <li>- Good proactive controls were used.</li> </ul>
Additional Observations	<ul style="list-style-type: none"> <li>- The invasive species Phragmites was noted growing back at the School Rd HDD site. This had been present prior to work here and will be difficult to prevent. 7/12-9/7/06</li> <li>- The landowner at the limousine service (Old HDD exit point) requests were being addressed with him. 7/26-9/7/06</li> </ul>	<ul style="list-style-type: none"> <li>-Continue to monitor and attempt to keep establishment from occurring in new areas.</li> <li>- The contractor will be speak. 9/7/06</li> </ul>	<ul style="list-style-type: none"> <li>- Was being addressed.</li> </ul>

**Next likely scheduled inspection:**

Wednesday, September 13, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:** Diana Walden for Lennox Keen





345kV: Both photos show the restoration efforts near Old Danbury Rd. Photo on the left shows the vault area was mulched although work continues here. Photo on the right shows additional erosion control matting installed along the slope here. 9/7/06



Photo on the left shows the overall School Rd. site. Grass and vegetative cover continue to establish. Photo on the right shows revegetation in the previously disturbed wetland area. 9/7/06





Photo on the left shows the restored area leading towards Allens Meadow Park with established grass cover. Vegetation along the streambank here is also in good shape. Photo on the right shows the storage area near the Rt 107/7 intersection which has demobilized. The disturbed area has been



restored. 9/7/06

Photo on the left shows continuing work at the vault at the Rt 107/7 intersection. Adjacent catch basins still need controls. Stockpiles are covered. Photo on the right shows a view of the silt fence installed at the Gilbert & Bennett lot. Seed and mulch are still needed here along the slope. 9/7/06